

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Codd, A. A.

Appl. No. (U.S. Natl. Phase of
 PCT/GB00/02738)

Filed: (Int. Filing Date: July 17, 2000)

For: **Storage of Microorganisms, Cells
 and Tissue**

Art Unit: *To be assigned*

Examiner: *To be assigned*

Atty. Docket: 1581.0890000/RWE/MTT

Information Disclosure Statement

Commissioner for Patents
 Washington, D.C. 20231

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. A copy of each document is attached.

A concise explanation of the relevance of the non-English language document AL1 cited on Form PTO 1449 can be obtained by reference to the search report for PCT/GB00/02738 cited herein as document AR2.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not an issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

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This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

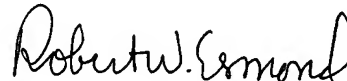
This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this pleading is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Robert W. Esmond
Attorney for Applicant
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Date: Jan. 16, 2002

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1581.0890000/RWE/MTT	APPLICATION NO. (U.S. Natl. Phase of PCT/GB00/02738)
	APPLICANT Codd, A.A.	
	INT'L FILING DATE July 17, 2000	GROUP To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA1	5,045,446	09/03/1991	Goodrich, Jr. <i>et al.</i>	435	2	07/11/1989
	AB1	5,292,507	03/08/1994	Charley, R.	424	93 K	09/14/1992
	AC1	5,364,756	11/15/1994	Livesey <i>et al.</i>	435	2	02/16/1993
	AD1	5,425,951	06/20/1995	Goodrich, Jr. <i>et al.</i>	424	520	05/31/1991
	AE1	3,843,453	10/22/1974	Freaker, R.	195	103.5	03/02/1973
	AF1	4,891,319	01/02/1990	Roser, B.J.	435	188	05/07/1987
	AG1	5,098,893	03/24/1992	Franks <i>et al.</i>	514	54	02/12/1990
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL1	FR 2,076,787 ^o	10/15/1971	France			Abstract Yes No
	AM1	WO 97/47192 ^o	12/18/1997	WIPO			Yes No
	AN1	WO 98/46261 ^o	10/22/1998	WIPO			Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	1	Codd, A.A., <i>et al.</i> , "Lenticules for the control of quantitative methods in food microbiology," <i>J. Appl. Microbiol.</i> 85:913-917, Blackwell Science Ltd. (1998). ^o
AS	1	Crowe, J.H., <i>et al.</i> , "Stabilization of dry phospholipid bilayers and proteins by sugars," <i>Biochem. J.</i> 242:1-10, Biochemical Society (1987). ^o
AT	1	Green, J.L. and Angell, C.A., "Phase Relations and Vitrification in Saccharide-Water Solutions and the Trehalose Anomaly," <i>J. Phys. Chem.</i> 93:2880-2882, American Chemical Society (1989). ^o

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 1581.0890000/RWE/MTT	APPLICATION NO. (U.S. Natl. Phase of PCT/GB00/02738)
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	AA						
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	2	International Search Report of PCT/GB00/02738. 8
	AS		
	AT		

EXAMINER	DATE CONSIDERED
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